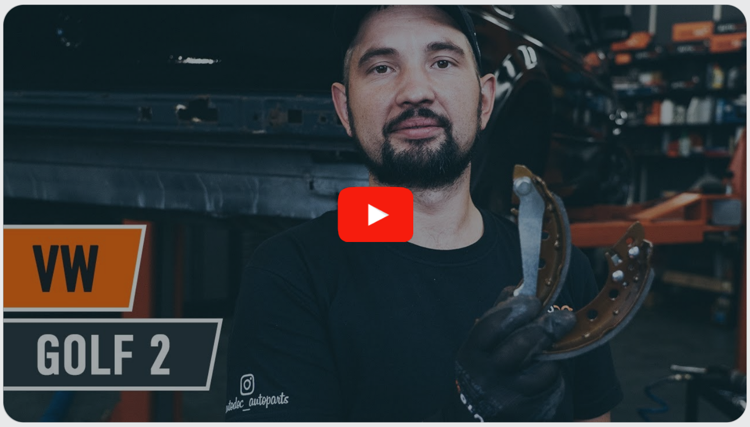
AUTODOC CLUB

How to change rear brake shoes on **AUDI 50 (86)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

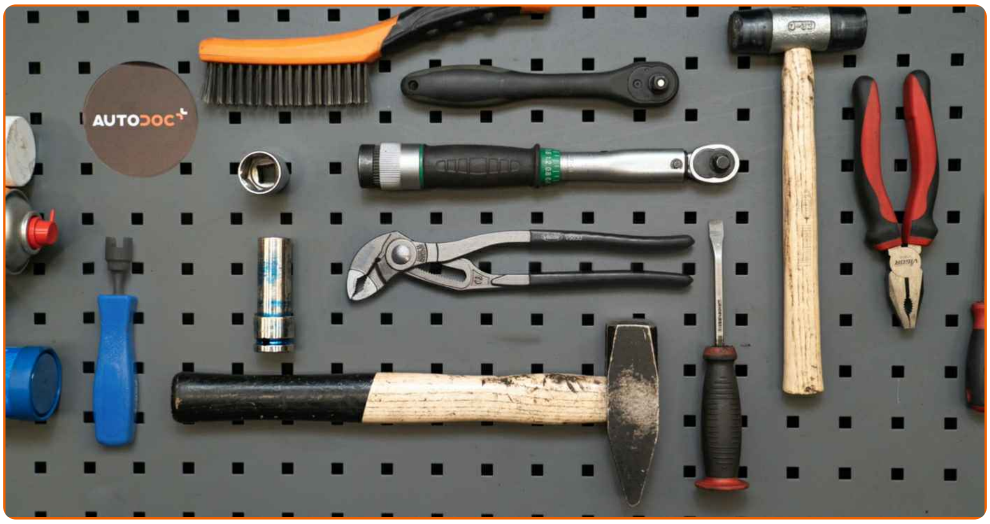
Important!

This replacement procedure can be used for:
AUDI 50 (86) 1.1

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW GOLF II (19E, 1G1) 1.6

REPLACEMENT: BRAKE SHOES – AUDI 50 (86). LIST OF THE TOOLS YOU'LL NEED:



- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Torque wrench
- Drive socket # 30
- Wheel impact socket #17
- Ratchet wrench
- Brake shoe retaining spring compressor
- Flat screwdriver
- Hammer
- Pliers
- Round-nose pliers
- Water pump pliers
- Crow bar
- Rubber mallet
- Wheel chock

Buy tools

Replacement: brake shoes – AUDI 50 (86). AUTODOC recommends:

- Replace brake shoes as a set on an axle. This will ensure efficient braking.
- The replacement procedure is identical for brake shoes on the same axle.
- Please note: all work on the car – AUDI 50 (86) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. AUDI 50 (86)

6 Remove the wheel.



7 Remove the wheel hub nut cap. Use a crowbar. Use a hammer.



8 Remove the cotter pin securing the hub nut. Use a crowbar. Use a flat screwdriver.



9

Unscrew the hub nut. Use a drive socket #30. Use a ratchet wrench.



10

Remove the brake drum assembled with the wheel hub bearing.



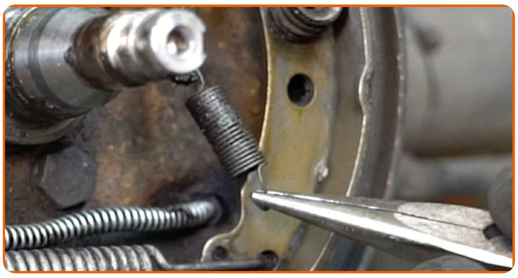
11

Clean the hub bearing mounting seat. Clean the hub. Use all-purpose cleaning spray.



12

Remove the hold-down spring. Use round-nose pliers.

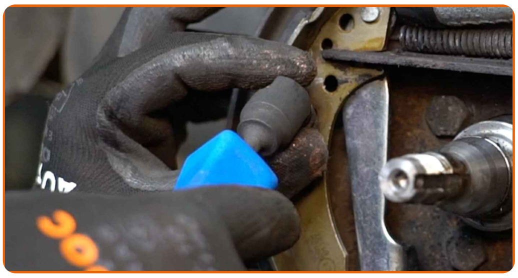


13

Remove the upper return spring of the brake shoes. Use round-nose pliers.



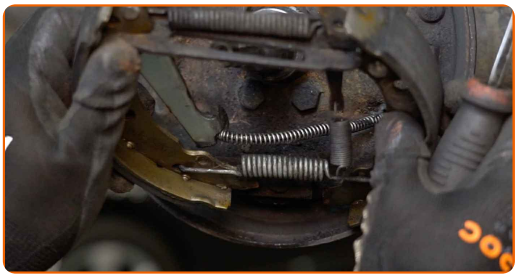
14 Remove the brake shoe hold-down cup. Use a brake shoe retaining spring compressor.



15 Compress the wheel cylinder. Use water pump pliers.



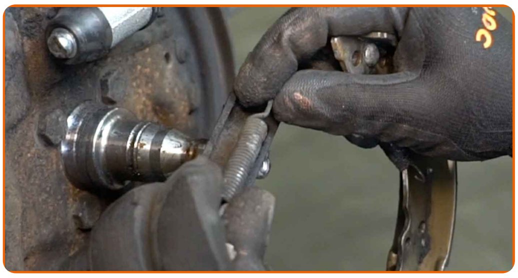
16 Remove both shoes from the mounting bracket. Use a crowbar.



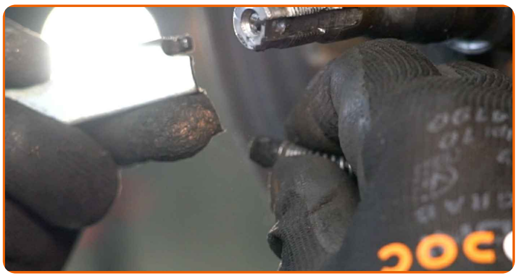
Replacement: brake shoes – AUDI 50 (86). Tip from AUTODOC experts:

- Don't press the brake pedal after removing the rear brake drum shoes. This will cause the piston to fall out of the brake cylinder, leakage of brake fluid and depressurization of the system.

17 Remove the lower return spring of the brake shoes.



18 Disconnect the parking brake cable. Use a crowbar.

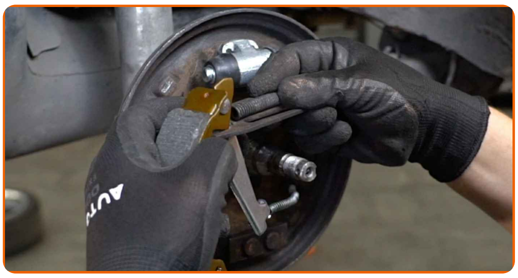


19 Remove the brake shoe adjuster lever.

20 Connect the parking brake cable to the parking brake lever. Use round-nose pliers.



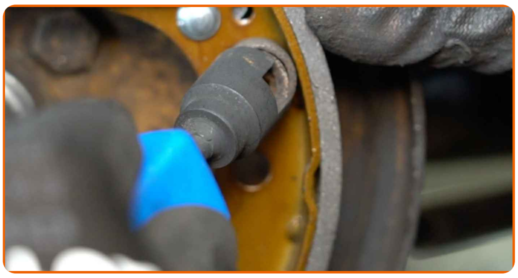
21 Install the brake shoe adjuster lever.



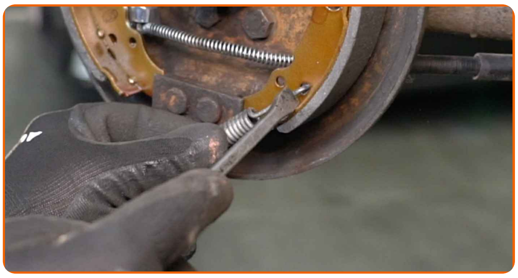
22 Install the brake shoes on the working brake cylinder on the bracket and on the brake-support plate bracket.



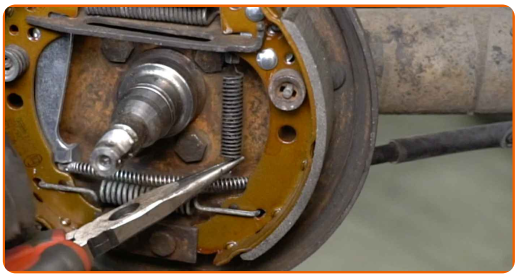
23 Reinstall the brake shoe hold-down cup. Use a brake shoe retaining spring compressor.



24 Install the lower return spring. Use a crowbar. Use a flat screwdriver.



25 Install the hold-down spring. Use round-nose pliers.



26 Install the upper return spring. Use a flat screwdriver.



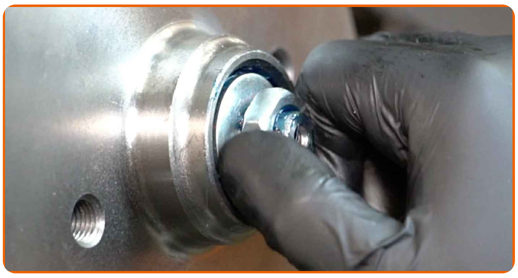
27 Clean the hub bearing mounting seat. Use WD-40 spray.



28 Install the brake drum assembled with the wheel hub bearing.



29 Screw on the hub nut. Use a drive socket #30. Use a ratchet wrench.

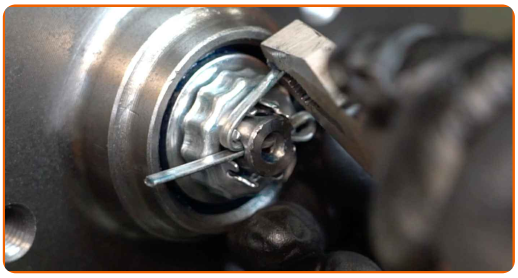


Replacement: brake shoes – AUDI 50 (86). AUTODOC recommends:

- Align the brake drum.

30

Install a new hub nut cotter pin. Use pliers. Use a hammer.



31

Install the cap of the hub nut. Use a rubber mallet.



32

Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



33

Install the wheel.



AUTODOC recommends:

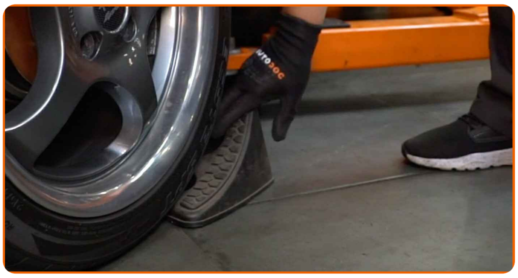
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI 50 (86)

34 Screw in the wheel bolts. Use wheel impact socket #17.



35 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.

36 Remove the jacks and chocks.



37 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake shoes – AUDI 50 (86). Professionals recommend:

- Slow down gently for the first 150–200 km after replacing the brake shoes. Avoid excessive and abrupt braking during that time.

WELL DONE!

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